

Clean Copy of the Claim

1. (Currently Amended) A hinge apparatus comprising a first hinge member, a second hinge member turnably connected to said first hinge member, a movable member arranged on a turning axial line of said first and second hinge members in such a manner as to be turnable about the turning axial line and movable in a direction of the turning axial line, and a biasing means adapted to bias said movable member toward said first hinge member, one of opposing surfaces of said first hinge member and said movable member being provided with a pair of end face cams in such a manner as to extend in a peripheral direction about the turning axial line in a symmetrical arrangement about the turning axial line, the other of the opposing surfaces of said first hinge member and said movable member being provided with a pair of abutment parts in such a manner as to be urged against said pair of end face cams by the biasing force of said biasing means and adapted to co-act with said pair of end face cams to convert the biasing force of said biasing means to a turn biasing force, said movable member being turned by the turn biasing force, said pair of abutment parts being moved along said pair of end face cams toward terminal ends from starting ends of said end face cams,
terminal end parts of said pair of end face cams being provided with gentle inclination surfaces, respective inclination angles of said gentle inclination surfaces being smaller than inclination angles of parts located closer to said starting ends of said end face cams than said gentle inclination surfaces.